

DIVISION OF WATER QUALITY  
UTAH DEPARTMENT OF ENVIRONMENTAL QUALITY

NOTICE OF INTENT

TO ISSUE A CLASS V UNDERGROUND INJECTION CONTROL (UIC) PERMIT

AND

TO HOLD AN INFORMAL PUBLIC INFORMATION MEETING

AND

TO HOLD A PUBLIC HEARING

FOR

FERRELLGAS PARTNERS, L.P.

LIQUIFIED PETROLEUM GAS (LPG) STORAGE FACILITY

THE DIVISION OF WATER QUALITY IS ANNOUNCING ITS INTENTION TO ISSUE A PERMIT, TO HOLD AN INFORMAL PUBLIC INFORMATION MEETING TO ANSWER QUESTIONS AND ADDRESS CONCERNS FROM THE PUBLIC, AND TO HOLD A PUBLIC HEARING TO RECEIVE COMMENTS ON THE DRAFT CLASS V UNDERGROUND INJECTION CONTROL (UIC) PERMIT FOR THE FERRELLGAS PARTNERS, L.P. LIQUIFIED PETROLEUM GAS (LPG) UNDERGROUND STORAGE FACILITY IN MOAB, UTAH.

THE UIC-REGULATED FACILITY CONSISTS OF AN ACTIVE WELL COMPLETED IN A SALT CAVERN THAT WAS SOLUTION MINED IN THE PARADOX SALT OF PENNSYLVANIAN AGE. THE TOP OF THE CAVERN IS LOCATED AT 1,185 FEET BELOW THE GROUND SURFACE AT THE WELL SITE. THE BOTTOM OF THE CAVERN IS APPROXIMATELY 1,544 FEET BELOW THE GROUND SURFACE. CAVERN STORAGE CAPACITY IS ABOUT 8,300,000 GALLONS. AN INACTIVE WELL COMPLETED IN AN INACTIVE CAVERN ALSO OCCURS AT THE FACILITY. THIS INACTIVE WELL/CAVERN SYSTEM WILL BE PERMANENTLY PLUGGED AND ABANDONED AS A REQUIREMENT OF THIS PERMIT. SURFACE APPURTENANCES, EXCLUDING THE INJECTION WELL WELLHEAD AND THE EMERGENCY SHUTOFF VALVES, ARE REGULATED BY THE STATE FIRE MARSHALL.

OPERATIONS INVOLVE STORAGE OF LIQUID PROPANE BY INJECTION INTO THE CAVERN THROUGH THE WELL'S CASING-TUBING ANNULUS, DISPLACING BRINE UPWARD THROUGH CENTRAL TUBING IN THE WELL INTO TWO SURFACE IMPOUNDMENTS. WHEN PROPANE IS RECOVERED FROM THE STORAGE CAVERN, BRINE IS INJECTED BACK INTO THE CAVERN THROUGH THE TUBING, DISPLACING PROPANE TO THE SURFACE.

THE UTAH DIVISION OF WATER QUALITY IS REQUIRING A PERMIT FOR THIS FACILITY IN ORDER TO PROTECT THE SHALLOW AQUIFER, AN UNDERGROUND SOURCE OF DRINKING WATER (USDW), FROM CONTAMINATION THROUGH THE FOLLOWING POSSIBLE PATHWAYS: THROUGH THE WELL CASING, UPWARD BEHIND THE CASING, OR FROM THE CAVERN ITSELF.

SINCE UTAH DOES NOT HAVE SPECIFIC ADMINISTRATIVE RULES, OTHER THAN THE UIC PROGRAM RULES R317-7, COVERING THE OPERATION OF UNDERGROUND HYDROCARBON STORAGE FACILITIES, REGULATORY AUTHORITIES IN KANSAS, TEXAS, LOUISIANA, AND ARIZONA WERE CONTACTED TO DETERMINE THE INDUSTRY STANDARD FOR REGULATORY OVERSIGHT OF THESE FACILITIES. THE PERMIT IS MODELED AFTER THE REGULATORY REQUIREMENTS RECENTLY ADOPTED IN KANSAS WHERE THE PERMITTEE OPERATES SEVERAL UNDERGROUND HYDROCARBON STORAGE FACILITIES.

COPIES OF THE DRAFT STATEMENT OF BASIS AND THE DRAFT CLASS V UIC PERMIT ARE AVAILABLE AT THE:

GRAND COUNTY LIBRARY  
25 S 1ST E  
MOAB, UT  
PHONE: (435) 259-5421  
HOURS: MON - WED - 9AM - 9PM  
THURS - FRI - 9AM - 7PM  
SAT - 9AM - 5PM

OR UPON REQUEST BY CONTACTING CANDACE CADY AT (801) 538 - 9260 OR [CCADY@UTAH.GOV](mailto:CCADY@UTAH.GOV)

THE INFORMAL INFORMATION MEETING WILL BE HELD ON WEDNESDAY MAY 18 FROM 3:00 P.M. TO 5:00 PM AT THE MOAB ARTS AND RECREATION CENTER, 111 EAST 100 NORTH, MOAB, UTAH.

THE PUBLIC HEARING WILL BE HELD LATER THE SAME DAY AND AT THE SAME LOCATION ON WEDNESDAY MAY 18 FROM 7:30 P.M. TO 9:00 PM AT THE MOAB ARTS AND RECREATION CENTER, 111 EAST 100 NORTH, MOAB, UTAH.

WRITTEN COMMENTS WILL BE ACCEPTED AT THE TIME OF THE PUBLIC HEARING OR BY MAIL UNTIL 5:00 P.M. ON FRIDAY, JUNE 10, 2005. IF MAILED, COMMENTS SHOULD BE ADDRESSED TO: CANDACE C. CADY, UTAH DIVISION OF WATER QUALITY, P.O. BOX 144870, SALT LAKE CITY, UTAH 84114-4870.

FOR THOSE INDIVIDUALS NEEDING SPECIAL ASSISTANCE IN ACCORDANCE WITH THE AMERICANS WITH DISABILITIES ACT, PLEASE CONTACT CHARLENE LAMPH AT THE UTAH DEPARTMENT OF ENVIRONMENTAL QUALITY, OFFICE OF HUMAN RESOURCES AT (801) 536 – 4413, TDD (801) 536 – 4414.